

Amendments to the Abstract

Please amend the Abstract on page 8 as follows:

~~The invention relates to a~~ A scintillation layer ~~[(20)]~~ for a PET-detector ~~[[.]]~~
~~The scintillation layer (20) consists of~~ includes a plurality of scintillation elements
~~[(21)]~~ that are joined together in a practically gapless way and that are oriented
towards the centre of curvature ~~[(24)]~~. Depending on the form of the scintillation
layer ~~[(20)]~~, the scintillation elements ~~[(21)]~~ may have for example the form of a
truncated wedge or pyramid.

~~(Fig. 2)~~